



Map

Time

Wednesday, May 31st, 2023, 18:00-19:30, Apéro

Location

ETH Zürich, Lecture Hall HG E22 , Rämistrasse 101, 8006 Zürich

Arrival by public transport

You can reach the main building of ETH Zürich:

- from Zurich main station with tram lines 6 (direction Zoo) and 10 (direction Zurich Airport)
- from Bellevue with tram line 9 (direction Hirzenbach)
- from Central with the Polybahn

Registration

Please register online for the event:

<http://www.pom.ethz.ch/pom-network/events/signup-form-DE.html>

ETH zürich



POM Network Abendgespräch 2023

Prof. Dr. Erik Sundin Sustainable Manufacturing: Challenges, opportunities, and state-of-the art

Wednesday, May 31st 2023, 18:00-19:30, Apéro
ETH Zürich, HG E22, Rämistrasse 101, 8006 Zürich

An event by:

POMNetwork

ETH zürich

Sustainable Manufacturing: Challenge, opportunities, and state-of-the-art



Prof. Dr. Erik Sundin
Linköping University

Why is this topic relevant? Sustainable manufacturing involves the production of goods in a way that minimizes negative environmental impacts and maximizes social and economic benefits. One of the biggest challenges in sustainable manufacturing is the need for a paradigm shift from traditional linear production models to more circular and regenerative approaches. This change requires the adoption of new technologies and innovative solutions to reduce waste, conserve resources, and reduce carbon emissions.

Prof. Sundin has long experience in research on circular economy and remanufacturing. He wrote his Ph.D. thesis in 2004 entitled “Product and Process Design for Successful Remanufacturing”. Most of Prof. Sundin’s research focuses on Remanufacturing and Product Service Systems (PSS); hence, Product-as-a-Service (PaaS) has also played a central part. Prof. Sundin is among the top 5 most cited authors within product service systems. He also published a book in 2019 titled “Sustainable Manufacturing”. In his presentation, Prof Sundin will present how manufacturing companies introduce circular economy activities such as Product-as-a-Service and Remanufacturing, as well as introducing green technologies using fewer chemicals.

The subsequent Apéro offers sufficient space to discuss these and other topics in detail.

We would be pleased to welcome you to the event.

Dr. Alexandra Ottong
POM Network President

Prof. Dr. Torbjørn Netland
Chair of Production and Operations Management

Program

Abendgespräch

- 18:00 Uhr Welcome and Introduction
Prof. Dr. Torbjørn Netland
- 18:10 Uhr Sustainable Manufacturing**
Prof. Dr. Erik Sundin
- 19:15 Uhr Discussion and Q&A
Moderated by Dr. Alexandra Ottong
- 19:30 Uhr Exchange with Apéro